

Advancing the science of washing



OPERATING MANUAL

USE ONLY GENUINE IFB SPARES & ACCESSORIES

* Company shall not be responsible for defects arising due to usage of spurious parts and accessories

Dear Customer

A warm welcome to the international family of ITB 'tumble wash' technology based washing machine

Your washing machine, is truly going to be your owners. freedom machine. It requires just 30 seconds of your time in loading the fabrics and setting the programme.

Thereafter, you are totally free to do what you please. This washing machine does not need your supervision anymore This washing machine is modelled on the unique 'tumble wash' concept for superior fabric care and wash

As you read this manual you will understand what this performances. washing machine can do for you.

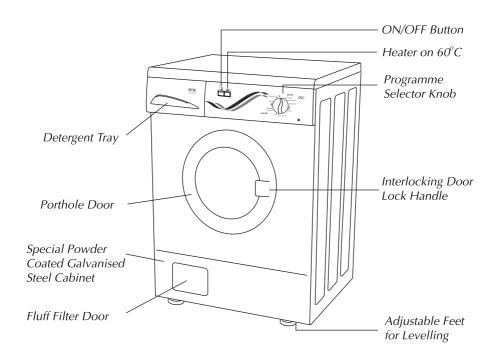
For any futher information, please contact your nearest delear or JFB Service Centre.

Chief Executive

CONTENTS

KNOW YOUR MACHINE INSTALLATION Pre Installation Unpacking Setting Up Water Inlet Water Outlet Electrical Connection	6 7
USING YOUR MACHINE ☐ Control Panel ☐ Automatic Detergent Dispenser Tray ☐ Selector Buttons ☐ Programme Selector Knob ☐ Programme Selection ☐ Programme Selection Chart	9
OPERATION Sorting of Garments Loading the Machine Detergent to be used and Quantity Treatment of Stains Wash Load Guide International Washing Symbols Programme Run Switching Off the Machine Check Points	13
MAINTENANCE Fluff Filters Drum Sieves Frost Protection Draining During Emergencies	19
FAULT DIAGNOSIS ☐ Why does it happen?	21
SAFETY PRECAUTIONS	22
TECHNICAL DATA	23

KNOW YOUR MACHINE



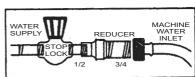
ADVANTAGES OF TUMBLE WASH

- MOST EFFECTIVE CLEANING AS THE CLOTHES PASS THROUGH SOAPY WATER AND ALSO FALL ON SOAP SOLUTION IMPROVING WETTING OF CLOTHES.
- RESEMBLES THE THUMPING AND RUBBING ACTION OF GENTLE HAND WASH.
- ☐ USES LESS WATER COMPARED TO TUB TYPE TOP LOADERS.
- LESS WATER MEANS LESS DETERGENT AND ELECTRICITY CONSUMPTION.
- ☐ WASHING IS EFFECTIVE BY DETERGENCY, SOAKING, HEATING, TUMBLING AND SQUEEZING.
- ☐ GIVES BETTER DRYING EFFECT BY SPINNING.

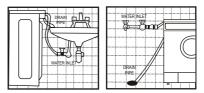
INSTALLATION

PRE-INSTALLATION

- 1. Make sure there is a 16 amp. 3-pin electrical point preferably with a 16 amp. fuse, within 1 meter of the machine. Make sure it has proper earthing.
- Fixed plumbing is recommended for the machine. The water inlet of the machine has a collar with 3/4" parallel internal threads. The water supply point with an external 3/4" parallel thread should be available within 1 meter of the machine's location.

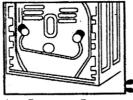


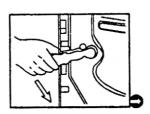
 Two options on the water inlet and drain pipe connection are shown. In case these possibilities do not exist for the drain pipe, please arrange an additional length of pipe.

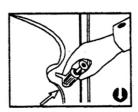


4. Please inform our service centre for installation and demonstration of the machine once the points mentioned above have been completed.

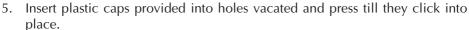
UNPACKING







- 1. Remove Carton.
- 2. Remove wooden base. Keep machine on floor or trolley.
- 3. Place the machine at the site at which it is to be installed.
- 4. Remove transit bolts.



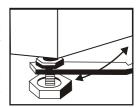


- 7. Keep transit bolts carefully. They will be required in case you need to shift the machine again.
- 8. For shifting and re-installation at a new site, please get in touch with our service personnel.
- 9. Keep packaging material carefully. It comes handy while shifting residence.
- 10. PLEASE DO NOT OPERATE THE MACHINE TILL TRANSIT BOLTS HAVE BEEN REMOVED.

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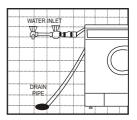
SETTING UP

- MAKE SURE THAT THE MACHINE RESTS ON ALL FOUR FEET ON A LEVEL SURFACE. Adjustable screws are provided at the bottom to allow levelling.
- 2. Loosen securing nut. Adjust the screw to change level. Tighten securing nut to ensure that screw is locked into place.
- 3. MACHINE SHOULD BE LEVELLED AGAIN IN CASE IT IS MOVED TO A NEW SITE.



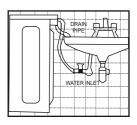
WATER INLET

- 1. Connect inlet hose to water tap/line.
- 2. Do not connect machine to a hot water supply.



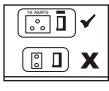
WATER OUTLET

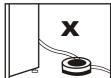
- A drain pump is provided in the machine to pump out used water.
- 2. The end of the outlet should be placed near a drain. If necessary, it can be placed over the edge of a sink at a maximum height of 1 mt. from the floor level.
- 3. Allow free flow of water from the outlet pipe.



ELECTRICAL CONNECTION

- 1. Check that the electrical line can take the required load.
- 2. Connect to a 220V, 50 Hz single phase AC supply.
- 3. Machine must be earthed properly before operation. This can be done by using a 3 pin plug and properly earthed socket of 16 ampere rating.
- 4. Ensure that there is a firm connection between the 3 pin plug and socket, else it may result in sparking and subsequent failure of 3 pin plug.
- 5. Use of extension cord not recommended.

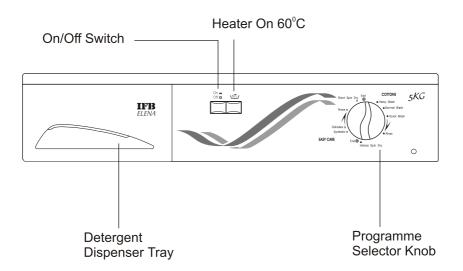




USING YOUR MACHINE

CONTROL PANEL

Let's take a look at the control panel and understand the working of each of its features. Each feature serves a specific purpose in the complete operation of the machine.

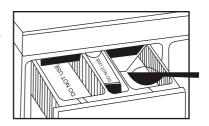


AUTOMATIC DETERGENT DISPENSER TRAY

Designed for automatic dispensing of detergent. The Detergent Dispenser Tray should be filled with detergent before the start of a programme.

Normal-wash chamber: (Marked-I), to be filled with - detergent during every wash programme. Do not fill detergent in other chambers.

The detergent tray must be pulled out, filled as required and shut before the machine is switched on.



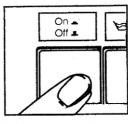
SELECTOR BUTTONS

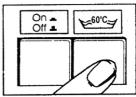
ON/OFF Button

- ☐ To switch ON the machine press button.
- ☐ To switch OFF the machine release button.

Heater On Button

- ☐ Switches on the heater Temp. selection 60°C
- ☐ To be pressed when hot wash is required.





PROGRAMME SELECTOR KNOB

	To select the right programme as per the fabric being washed and extent of soilage. Short Spin Dry End COTTONS HEAVY Wash Normal Wash
	A choice of 10 programmes is available to wash different kinds/loads of clothes. A choice of 10 programmes is available to Belicates of Synthetic of Painse End On Painse
	Programme selection should be done before the machine is switched ON.
	THE STARTING POINT OF PROGRAMME NEEDS TO BE SELECTED BY SHIFTING THE PROGRAMME SELECTOR KNOB ADJACENT TO PRINTED LETTERS. OPERATING THE MACHINE BEYOND PRINTING ZONE MAY RESULT IN HIGHER CONSUMPTION OF WATER & ELECTRICITY AND WILL NOT IMPROVE WASH QUALITY.
	After initiating the programme, machine runs through automatically. If for any reason you wish to change the programme switch OFF the machine, then set the desired programme and re-start.
	KNOB SHOULD BE TURNED ONLY IN CLOCKWISE DIRECTION.
PROGI	RAMME SELECTION
	TONS be used for whites and coloureds of cotton or predominantly of cotton ase of mixed load.
STAGE I	: Main wash - Heavy wash / Normal wash / Quick wash

☐ Clothes are soaked, tumbled in hot water with detergent for longer duration to remove dirt. During draining dirty water, it is cooled down by adding cold water. Clothes are tumbled to expose more surface,

IF CLOTHES ARE NOT VERY DIRTY, THE MAIN WASH CAN BE STARTED BY DIRECTLY SETTING THE PROGRAMME SELECTOR KNOB AT NORMAL OR QUICK WASH TO REDUCE WASHING TIME.

8

squeezed by spinning to remove dirt inside the fabric.

	After washing, the rinsing is done automatically four times to remove traces of detergent and dirt from clothes.
	For most efficient rinsing two intermittent short spins are provided.
STAGE	II : Intense spin Dry Spin drying takes place at 600 rpm for longer duration.
2.Easy (Care Programme To be used for easy care fabrics like polyester blends or predominantly having such fabric in mixed load.
STAGE	1 : Main Wash : synthetic / delicates Clothes are soaked, tumbled in hot water with detergent for lesser duration than main wash of Normal wash programme. During draining of dirty water, it is cooled down by adding cold water. Clothes are tumbled to expose more surface, squeezed by spinning to remove dirt.
STAGE	I: Rinse After washing the rinsing is done automatically three times to remove traces of detergent and dirt from clothes.
STAGE	II : Short spin Dry Spin drying takes place at 600 r.p.m for shorter duration.
Exclusiv	Turn programme selector knob directly to the spin drying points after loading the clothes.
Note:	IN CASE ELECTRICITY / WATER SUPPLY GOES OFF, THE MACHINE STOPS AND STARTS AGAIN FROM THE SAME POINT,

STAGE II: Rinse

SUPPLY.

9 **IFB**

AUTOMATICALLY, ON RESUMPTION OF ELECTRICITY/ WATER

OPERATION

SORTING OF GARMENTS

☐ Machine to be used for machine washable fabrics only (Look for wash symbols given on your garments.)

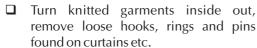
□ Non-fast coloured should be washed with like colours only .Wash whites separately from colours.

☐ Check the pockets for any loose articles like coins, keys, keychains etc. Remove these articles as these can damage the drum/tub.

☐ Do not mix clothes that give lint with clothes that attract lint (e.g lint givers-woollens, socks, coarse cotton fabrics etc. Lint takers-synthetic fibres and corduroys).

LOADING THE MACHINE

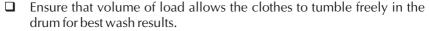
Open the front porthole door, place garments loosely inside drum. For best results load garments one by one ,preferably mix of large and small clothes



Or

Tie a knot around them with the garment itself.

- ☐ Close door and press till you hear a click. Ensure that no cloth is jammed between door and rubber gasket of frame.
- ☐ For large garments like bed covers and curtains etc. open out the garments and hold from the centre to load.



- Over loading the drum will affect wash quality. It can also damage the machine and clothes in the long run.
- ☐ Running the machine under loaded may cause excessive vibration, noise and damage.





PROGRAMME SELECTION CHART

Refer detailed Programme Chart given below showing 10 fully automatic wash programmes.

	(LITRES)	75	7.5	75	99	Ē	99	99	65	55	Ë
COMPLETE	CYCLE IABLE (MINUTES)	115	96	52	40	10	09	09	09	25	01
TYPE OF WASHING (Please note wash care labels on garments)		Very soiled cotton, whites or boil - proof linen	Normally soiled, non boil- proof baby washing	Cotton fabrics or linen which are colour fast, non boil - proof	Most efficient rinsing with two intermittent spins	Pumping out water and spinning for cottons	Easy care fabrics of cotton, polyester or polyester blends, very soiled.	Easy care fabrics of polyester or polyester blends, normally soiled.	Synthetic curtains normally soiled	Gentle rinsing without intermittent spin	Pumping out water and short spining for delicate washing
ADDITIONAL BUTTON	SELECTION	•	•	•	1		•	•	•		1
DETERGENT	_	Yes	Yes	Yes	1		Yes	Yes	Yes		1
PROGRAMME SELECTION		1. Heavy wash	2. Normal wash	3. Quick wash	4. Rinse	5. Intense spin Dry	6. Synthetic	7. Delicates	8. Synthetic *	9. Rinse	10. Short spin Dry

Wash load should not to exceed 2.5 kg. *

Button to be pressed if required

Note:
Cycle time does not includes water filling time.
Water consumption does not include the quantity of water taken during cool down time.

The above values are under standard test conditions

DETER(JANTITY hieved using correct amount of washing
	i	used: Detergents to be used as per directions ndicated by the manufacturer on their package.
	Half Load i.e. 2.5 kg and below Liquid detergents can be used	Use 20 to 25% less detergent.
	Hard water and heavily recommended quantity of det	soiled clothes require more than the tergents.
	Frequent use of insufficient de - Washing appears grey or r - Grey - brown stains form	
	Excess use of detergent will res - Higher environment pollu - Generation of too much fo - Scale builds up	ution
TREATA	MENT OF STAINS	
		ediately when they are fresh. Usually stains ains, built-up stains, and compound stains.
		oved by rubbing gently a pad containing a tain from outer edge towards centre by rbentfabric.
		ains may be removed by first carefully en rub gently with a pad containing solvent
	It is advisable to try out the so its effect on cloth.	lvent on hidden part of the garment to verify

WASH LOAD GUIDE

Sheets			Pajama/ Kurtas	400gms	Bedspread	3kgs
Cotton	(D)	1Kg	Shirts		Blankets	
	(S)	500gms	Cotton	280gms	Wool	2.0Kg
			Others	200 gms	acrylic	1.5 kg
Other than						
Cotton	(D)	650gms	Blouses:		Sweaters(Wool)	400gms
	(S)	400gms	cotton	140gms	other heavy weight	300gms
			others	100gms	light weight	150gms
Pillow slips:			Sarees:			
Cotton		110gms	Cotton	650gms	Cotton Vests	100gms
others		85gms	Synthetics	350 gms	Underslips	100 gms
			Panties	60 gms		
Bath towels		600 gms	Socks:	_	Skirts	200 gms
Hand towels		260 gms	long (2pairs)	150 gms	Trousers	250 gms
			short (2pairs)	85 gms	Jeans	400 gms
Tablecloths:				J		
Small		230 gms				
Large		600 gms	Hankies (6)	85 gms		
_			Napkins (1doz)	1.1 kgs		
Table Napkins	(4)	150 gms	Lungi/Dhoti	200 gms		

D = Double S = Single

- ☐ The chart indicates the average weight of clothes.
- ☐ The recommended weight of your wash should not be exceeded to ensure that your machine gives your clothes an effective wash.

INTERNATIONAL WASHING SYMBOLS

Washing	Wash Temp	Action
Symbol	Max ^o C	
95° 60° 40°	95, 60, 40	normal
30	30	gentle
	Do not machine wash	hand wash
Ø	Do not wash in water	

IRONING

The number of dots indicate the maximum recommended temperature.





Max 200° C, 150° C, 110° C Non - iron



DRY CLEANING

A circle symbolizes dry cleaning.

(A) articles normal for dry cleaning in all solvents.

(P) articles normal for dry cleaning in perchloroethylene, white spirit, Solvent 113 and Solvent 11

(F) article normal for dry cleaning in fluorocarbon 113 or white spirit.

) do not dry clean.

BLEACHING

A triangle symbolizes bleaching

a bleaching

do not bleach

DRYING

A rectangle symbolizes drying

suitable for tumble-drying

do not tumble-dry

PROGRAMME RUN

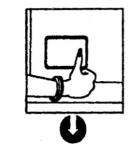
	Note: During the programme run the knob turns automatically in the clockwise direction only. Washing, rinsing and spinning can be seen through the porthole window. At any moment the position of the knob with respect to its start position shows how far the programme has advanced.
SW	The wash programme automatically completes at the End. To switch the machine OFF push in the programme selector knob Porthole door can be opened only after 90 seconds Remove clothes from inside the machine Leave door slightly ajar to dry out the inside of the machine
CH	Before switching your machine 'ON' check The machine is connected to a 220V, 50 Hz supply with proper earthing. The water inlet stopcock is fully open. The hoses are not bent or twisted. Dry clothes are loaded into the machine drum, and door is closed firmly with a click. The required amount of detergent is filled in the compartment. After completing the above check points the machine should be switched ON by gently pulling out the programme selector knob.
	The programme Selector knob is turned to the appropriate programme position in a clockwise direction only. The Fluff Filter is not open.

MAINTENANCE

4

FLUFF FILTER

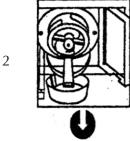
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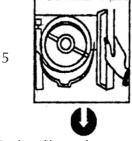
Open door flap by pressing on the right hand.



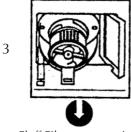
Clean filter under running water



Place shallow container under the tray to collect water that comes out.



Replace filter and screw on tightly to avoid leakage of water



Turn Fluff Filter cover anti-clockwise drain water into container and take out filter ENSURE THAT THE FLUFF FILTER IS NOT BLOCKED, CLEAN WEEKLY OR AS OFTEN AS REQUIRED.

BEFORE USING MACHINE AGAIN RUN THE MACHINE WITHOUT CLOTHES AND DETERGENTS BY SELECTING ANY SHORT WASH PROGRAMME. THIS WILL ENSURE THAT THE FLUFF FILTER LINE GETS FILLED WITH WATER.

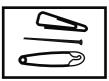
ALTERNATIVELY POUR TWO MUGS OF WATER (APPROX, 1.5 LTRS.) DIRECTLY INTO THE DRUM.

DO NOT OPEN THE FLUFF FILTER DURING A PROGRAMMERUN.

DRUM

Rust Stains

Never leave metal items e.g. paper clips, safety pins etc. in the drum as there is a danger of rusting. If there are any rust stains remove with a non-chlorine agent. Special non-metal sponges (never use steel wool) may also be used.



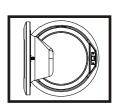
SIEVES

Cleaning of Water Connection Sieves, filter

- 1. Turn off Taps. Disconnect Power supply to the machine. Unscrew inlet hose from machine as well as from the tap and drain out water from the hose.
- 2. Pull the sieve out of the magnetic valve with a pair of flat nosed pliers and clean under running water with a brush. Fit Sieve back to the valve.
- 3. Remove the filter mesh from the tap end of the inlet hose and clean under running water with a brush.
- 4. Fit the filter mesh back to inlet hose.
- 5. Screw inlet hose back to the machine and the tap. Ensure that both the sieves and filter are in place.
- 6. Turn on the tap.

Cleaning of Porthole Door Area:

- ☐ After every wash clean vapour off porthole door.
- ☐ Lift the fold in the rubber gasket under porthole periodically to remove lint and dirt preferably after every wash.



FROST PROTECTION

If the machine is being operated in very cold temperature, all the water should be drained out after use.

- ☐ Remove Fluff Filter.
- ☐ Locate the drain hose and drain the water.
- ☐ Disconnect inlet hose from the tap and drain.

DRAINING DURING EMERGENCIES

In case of a long power failure during a programme run, the water can be drained from the drum through the drain hose

- ☐ Allow the water in the machine to cool down sufficiently.
- ☐ Locate the drain hose and pull out the drain hose to drain water in a large shallow container.
- Before restarting machine, ensure that drain plug is fixed on drain hose properly and fluff filter water line is filled with water by running the machine without any clothes or detergents.
- ☐ Spillage of water can rust the base plate. Draining through drain hose prevents rusting.



FAULT DIAGNOSIS

WHY DOES IT HAPPEN?

BEI	Water tap not turned on Bent inlet hose Sieve on inlet valve clogged DS ESCAPING FROM DETERGENT DISPENSER TRAY.
MA MA	Drain plug not fixed properly onto Drain hose. CHINE DOES NOT DRAIN.
	CHINE DOES NOT START. Check position of programme selector knob
	It is normal for noises to be heard while motor is running. However wash load, belt tension and motor mounting bolt should be checked for specified limits.
PU.	MP NOISE It is normal for noises to be heard from the pump during the start-up and final stage of draining. However check for fluff filter clogging.

SAFETY PRECAUTIONS

- 1. Ensure that the machine is properly balanced on four adjustable feet.
- 2. Ensure that the machine is connected to 3 pin socket with earth and 16 amps fuse.
- 3. The machine is tested with water during assembly for performance checking. Condensed droplets of water may remain inside the drum. It is advisable to run the machine without wash load at 60°C with detergent for the first time after installation.
- 4. The programme knob should be turned clockwise only.
- 5. Programme selection must be done prior to switching on the machine. For resetting of programme, switch off the machine, select the programme and re-start. Do not operate the machine beyond the printed zone.
- 6. Servicing should be handled by the Company's authorized personnel only.
- 7. Check for the end of the programme before opening porthole door. The door can be opened about 90 seconds after the wash cycle is over or machine is switched off. This is a safety feature. The door should not be forced open.
- 8. Check label on garments for determining conditions under which fabrics are to be washed.
- 9. Use detergent recommended for washing machine.
- 10. Ensure that the electrical line on which the machine is used can take the required load.
- 11. Check the inside of drum before loading the clothes.
- 12. Protect the machine from direct sunlight and do not splash water on it. Clean with a damp cloth.
- 13. Keep your machine dry to avoid corrosion / rusting. Take special care to wipe the machine after cleaning the fluff filter.
- 14. The machine should ideally be installed on the floor, It can be installed on any suitable platform or trolley, if desired by the customer.
- 15. Clean the shell lower and detergent tray periodically by taking out the detergent tray.
- 16. In case of plastic table top, don't use the table top as an ironing board.

TECHNICAL DATA

Dimensions(DxWxH) : 56 cm x 60 cm x 85 cm

Weight : 58.5 kgs

Capacity : 5 Kgs of dry clothes (cotton)*

Programmes : 10 wash care programmes

Selector Buttons : On/Off, Hot wash.

Motor Rating : 690 Watts (max.)

Spin Speed : 600 rpm

Heater Rating : 1.55 kW

Drum : Stainless Steel

Temperature Selection : 60°C

Drain Pump Rating : 30 W

Water Consumption : 75 litres for normal wash.

Power Consumption : 0.25 unit for cold wash

Cotton Wash Programme : 0.6 - 0.9unit hot wash at 60°C

Connected Load : 2.0 KW Max.

Programme Duration : 10 to 115 minutes

Power supply : 220 - 240 V, Single Phase, 50 Hz

Water Pressure : 1 bar (1.03 kg/cm²) - 10 bar (10.3 kg/cm²)

Specifications are subject to change without prior notice.

*Capacity depends on size, texture and combination of clothes

Depending on water pressure, Water hardness, Water inlet Temperature, Quantity and type of textile, Detergents used, Degree of soiling, Ambient condition, selected additional functions & power supply fluctuations the actual values given on or with the machine can deviate from the declared standard values, as they are tested according to the laboratory conditions

	IG PRODUCTS: (Please tick in t	
COLOUR TV	REFRIGERATOR	AIR CONDITIONER
DISH WASHER	MICROWAVE OVEN	CLOTHES DRYER

21

CUSTOMER COPY

MODEL : ELENA	SERIAL NO. WT ELN B
DEALER'S NAME :	
CUSTOMER'S NAME :	
ADDRESS :	
PIN CODE :	
TEL. NO. (Resi.)	(Off.)
E-MAIL :	
MOTOR SR. NO.:	
DATE OF PURCHASE :	
	STATION COPY
SERVICE MODEL : ELENA	STATION COPY
SERVICE MODEL : ELENA DEALER'S NAME :	SERIAL NO. WT ELN B
SERVICE MODEL : ELENA DEALER'S NAME :	SERIAL NO. WT ELN B
SERVICE MODEL: ELENA DEALER'S NAME: CUSTOMER'S NAME: ADDRESS:	SERIAL NO. WT ELN B
SERVICE MODEL: ELENA DEALER'S NAME: CUSTOMER'S NAME: ADDRESS: PIN CODE:	SERIAL NO. WT ELN B
SERVICE MODEL: ELENA DEALER'S NAME: CUSTOMER'S NAME: ADDRESS: PIN CODE: TEL. NO. (Resi.)	SERIAL NO. WT ELN B
SERVICE MODEL: ELENA DEALER'S NAME: CUSTOMER'S NAME: ADDRESS: PIN CODE: TEL. NO. (Resi.) E-MAIL:	SERIAL NO. WT ELN B (Off.)

ALSO FROM IFB



MICROWAVE OVEN
CAPACITY - 17 to 30 LITERS



CLOTHES DRYER CAPACITY - 5.5KG



DISHWASHER
CAPACITY - 12 PLACE SETTING

IFB

Customer Care *Dial*

1901 425 5678 - BSNL & MTNL Callers 3900 4321 - Other Callers